

10/646,607-Conf. #2264

| TRANSMITTAL                 |  |   | r illing Date |             | August 21, 2003  |
|-----------------------------|--|---|---------------|-------------|--|
|                             | <b>FORM</b>                                  |   | First Named   | Inventor    | Lingyi A. Zheng  |
| (to be use                  | ed for all correspondence after              | r initial filing)   | Art Unit      |             | 1763   |
|                             |  |   | Examiner N    | ame         | R. N. Kackar   |
| Total Number                | Total Number of Pages in This Submission 15* |   |               | cket Number | 108298717US  |
|                             | EN   | ICLOSURES (   | (Check all    | that apply  | )  |
| Fee Transn                  | nittal Form                                  | Drawing(s)  |               | [           | After Allowance Communication to TC                            |
| Fee A                       | Attached                                     | Licensing-rel   | ated Papers   | 1           | Appeal Communication to Board of Appeals and Interferences     |
| Amendmer                    | nt/Reply                                     | Petition  |               | 1           | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| After                       | Final  | Petition to Co<br>Provisional A                                   |               | [           | Proprietary Information  |
| Affida                      | avits/declaration(s)                         | Power of Attorney, Revocation<br>Change of Correspondence Address |               |             | Status Letter  |
| Extension o                 | of Time Request                              | Terminal Disclaimer   |               |             | X Other Enclosure(s) (please Identify below):                  |
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| x Information               | Disclosure Statement                         | CD, Number  | of CD(s)      |             | Form PTO/SB/08<br>Cited References (64)                        |
| Certified Control Document( | opy of Priority<br>s)                        | Landso  | ape Table on  | CD          |  |
|                             | issing Parts/<br>Application                 | Remarks   |               |             |  |
|                             | y to Missing Parts under<br>FR 1.52 or 1.53  |   |               |             |  |
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| Firm Name                   | <u> </u>                                     |   |               |             |  |
| Signature PA                |  |   |               |             |  |
| Printed name                | Paul T. Parker                               |   |               |             |  |
| Date                        | , 2005                                       |   | Reg. No.      | 38,264      |  |

<sup>\*</sup> Number of pages does not include Cited References



PTO/SB/92 (09-04)

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Application No. 10/646,607

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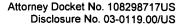
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Information Disclosure Statement (2 pages)

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(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Zheng et al.

Application No.: 10/646,607

Confirmation No.: 2264

Filed: August 21, 2003

Art Unit: 1763

For:

MICROFEATURE WORKPIECE PROCESSING APPARATUS AND METHODS FOR BATCH DEPOSITION OF MATERIALS ON MICROFEATURE

**WORKPIECES** 

Examiner: R. N. Kackar

## INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of the U.S. Applications and Patents listed on the PTO/SB/08 has not been provided. A copy of each Non-U.S. Patent and each Non-Patent Literature article listed on the PTO/SB/08 is attached. A full translation of the non-English language references

Application No.: 10/646,607

marked by a check mark  $(\sqrt{)}$  is enclosed. An abstract is enclosed for all other non-English language references. Applicant has not verified that the translation or abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298717US.

Dated: <u>3 June</u>, 2005

Respectfully submitted,

Paul T. Parker

Registration No.: 38,264

PERKINS COIE LLP

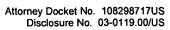
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|-------|-----------------------------------|------|------------------------|----------------------|------------------------|--|
|       |                                   |      |                        | Application Number   | 10/646,607-Conf. #2264 |  |
| 11    | NFORMATIO                         | N DI | SCLOSURE               | Filing Date          | August 21, 2003        |  |
| S     | STATEMENT BY APPLICANT            |      |                        | First Named Inventor | Lingyi A. Zheng        |  |
|       |                                   |      |                        | Art Unit             | 1763                   |  |
|       | (Use as many sheets as necessary) |      |                        | Examiner Name        | Ram N. Kackar          |  |
| Sheet | neet 1 of 13                      |      | Attorney Docket Number | 108298717US          |                        |  |

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|------------------------------------|-----------------------------------|------------|--------------------------------|-----------------|-----------------|--|
|                                    |                                   |            | Application Number 10/646,607- |                 | 7-Conf. #2264   |  |
| INFORMATI                          | ON DISCL                          | OSURE      | Filing Date                    | August 21       | August 21, 2003 |  |
| STATEMEN                           | T BY APPI                         | LICANT     | First Named Inventor           | Lingyi A. Zheng |                 |  |
| (lico se many cheete se necessari) |                                   |            | Art Unit                       | 1763            |                 |  |
| (Use as man                        | (Use as many sheets as necessary) |            |                                | Ram N. K        | ackar           |  |
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| Examiner  | Date       |
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|---------------------------------|-------------------|------------------------|---|-----|
|                                 |                   | Application Number     | Application Number 10/646,607-Conf. #2264 |     |
| INFORMATION DISCL               | OSURE             | Filing Date            |   |     |
| STATEMENT BY APPI               | LICANT            | First Named Inventor   | Lingyi A. Zheng                           |     |
| (1)                             | Art Unit          | 1763                   |   |     |
| (Use as many sheets as necess   | Examiner Name     | Ram N. K               | ackar                                     |     |
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| 0000000                           | 101101111111111111111111111111111111111 |            | Application Number     | 10/646,60   | 10/646,607-Conf. #2264 |  |
| INFO                              | DRMATION DISCL                          | OSURE      | Filing Date            | August 21   | August 21, 2003        |  |
| STA                               | TEMENT BY APP                           | LICANT     | First Named Inventor   | Lingyi A. Z | Zheng                  |  |
|                                   | <i>(</i> 1)                             |            |                        | 1763        |                        |  |
| (Use as many sheets as necessary) |   |            | Examiner Name          | Ram N. K    | ackar                  |  |
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| Examiner  | Date       |  |
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| Signature | Considered |  |

PTO/SB/08a/b (08-03)
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|-----------------------------------|----------------------|------------------------|--|
|                                   | Application Number   | 10/646,607-Conf. #2264 |  |
| INFORMATION DISCLOSURE            | Filing Date          | August 21, 2003        |  |
| STATEMENT BY APPLICANT            | First Named Inventor | Lingyi A. Zheng        |  |
|                                   | Art Unit             | 1763                   |  |
| (Use as many sheets as necessary) | Examiner Name        | Ram N. Kackar          |  |
|                                   |                      | 400000747110           |  |

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| Subst                           | itate for form 1449/05/F | •       |   |                      | Αp  | Application Number 10/646,607-Conf. #2264 |             | 7-Conf. #2264 |
| IN                              | FORMATION                | N DIS   | SCLC  | SURE                 | Fil | ing Date                                  | August 21   | ···           |
| ST                              | ATEMENT I                | BY A    | PPL   | First Named Inventor |     | st Named Inventor                         | Lingyi A. Z | Zheng         |
|                                 |                          |         |   |                      | Αr  | t Unit                                    | 1763        |               |
|                                 | (Use as many sh          | eets as | necessa   | ny)                  | Ex  | aminer Name                               | Ram N. Ka   | ackar         |
| Sheet                           | 6                        | 6 of    |   | 13                   | At  | orney Docket Number                       | 10829871    | 7US           |
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| INFORMATION DISCL               | .OSURE     | Filing Date           | August 21, 2003 |                        |  |
| STATEMENT BY APP                | LICANT     | First Named Inventor  | Lingyi A. Z     | Zheng                  |  |
|                                 |            | Art Unit              | 1763            |                        |  |
| (Use as many sheets as neces    | sary)<br>  | Examiner Name         | Ram N. K        | ackar                  |  |
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| INFOR                           | MATION DISCLO                | SURE       | Filing Date                | August 21, 2003                           |       |  |
| STATE                           | EMENT BY APPL                | ICANT      | ICANT First Named Inventor |   | Zheng |  |
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|                                |                                 |        |         | •   | Αn                                   | Unit               | 1763      |               |
| (Use as many sheets as necessa |                                 |        | ny)<br> | Ex  | aminer Name                          | Ram N. K           | ackar     |               |
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| 11    | NFORMATION                        | I DIS | CLOSURE            | Filing Date            | August 21, 2003 |  |
| S     | STATEMENT BY APPLICANT            |       |                    | First Named Inventor   | Lingyi A. Zheng |  |
| _     |                                   |       |                    | Art Unit               | 1763            |  |
|       | (Use as many sheets as necessary) |       |                    | Examiner Name          | Ram N. Kackar   |  |
| Sheet | 10                                | of    | 13                 | Attorney Docket Number | 108298717US     |  |

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|                       |              | WO-98/37258-A1  | 08-27-1998                        | Moore Epitaxia                  | ıl Inc.                   |   |         |
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Approved for use through 07/31/2006. OMB 0651-0031
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Under the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |                             |          |               | Filing Date                               | August 21, 2                         | 2003 |   |
|   |                             |          |               | First Named Inventor                      | First Named Inventor Lingyi A. Zheng |      |   |
|   |                             |          |               | Art Unit                                  | 1763                                 |      |   |
|   | (Use as many she            | eets as  | necess ary)   | Examiner Name                             | Ram N. Kac                           | kar  |   |
| Sheet   | 11                          | 11 of 13 |               | Attorney Docket Number                    | 108298717US                          |      |   |
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| Examiner<br>Initials | Cite<br>No. <sup>1</sup>        | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |
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| S                               | STATEMENT BY APPLICANT            |      |          | First Named Inventor   | Lingyi A. Zheng        |
|                                 |                                   |      |          | Art Unit               | 1763                   |
|                                 | (Use as many sheets as necessary) |      |          | Examiner Name          | Ram N. Kackar          |
| Sheet                           | 12                                | of   | 13       | Attorney Docket Number | 108298717US            |

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